



ADDITIONAL EQUIPMENT



LEGEND



RX

TYPICAL UAV FEEDBACK CHANNEL:
TELEMETRY, CONTROL, ETC.



GPS/GLONASS

TYPICAL UAV CHANNEL FOR ORIENTATION IN SPACE
USING SATELLITE SYSTEMS



VTX

TYPICAL UAV VIDEO COMMUNICATION CHANNEL



DOME TYPE PROTECTION (CIRCULAR AOE)

FOR EXAMPLE, A TRUNCATED SPHERE OR A HEMISPHERE
WITH A DIAMETER UP TO 100M WITH THE DEVICE
IN IT'S CENTRE



SECTOR TYPE PROTECTION (CONE AOE)

E.G. EMISSION IN THE FORM OF AN INVERTED PYRAMID,
WITH THE VERTEX POINT IN THE DEVICE, DIVERGING
AT A 45° ANGLE UP TO 4KM HIGH



MIXED TYPE PROTECTION

COMBINATION OF DOME AND SECTOR TYPES OF PROTECTION
THANKS TO MODULES AND ANTENNAS OF DIFFERENT TYPES

DO NOT

- * INSTALL OR OPERATE DEVICES **INSIDE VEHICLES, SHELTERS, DUGOUTS, ETC.**
- * USE DEVICES WITH **VISIBLE STRUCTURAL DAMAGE OR THE LOSS OF INTEGRITY**
- * USE DEVICES FOR **UNINTENDED PURPOSES**
- * KEEP THE DEVICES IN A **SWITCHED ON STATE CONTINUOUSLY**
- * USE **HOMEMADE ANTENNA CAPS, COVERS OR ANY FORM OF CUSTOM ANTENNAS SHIELDING**

STRICTLY PROHIBITED



TO HAVE A FRIENDLY FPV DRONE WITH THE INITIATED
WARHEAD **CLOSER THAN 100 METRES** TO AN OPERATING
DEVICE

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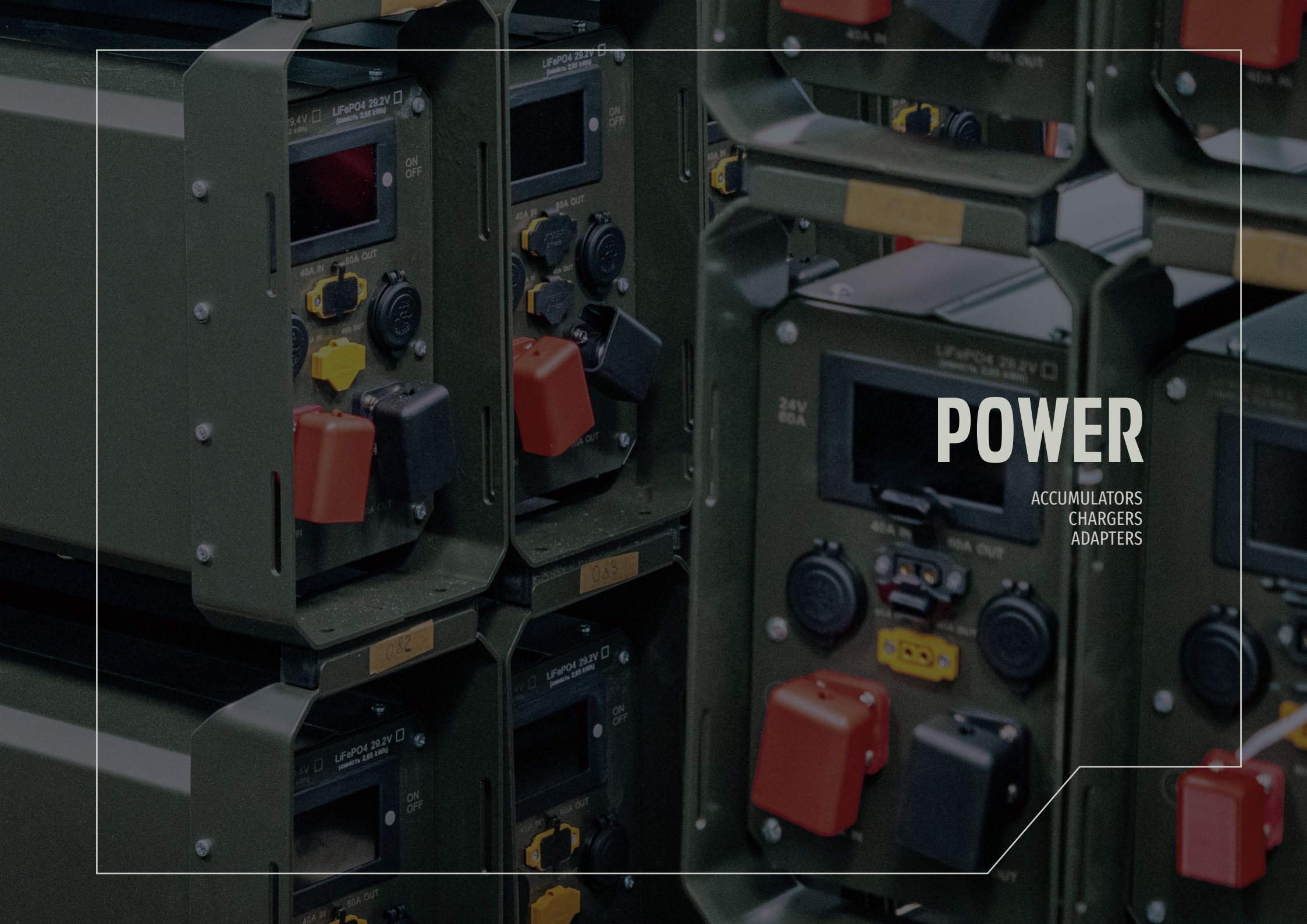
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**ОБОРОНКА НАРОДЖУЄТЬСЯ
НЕ В ПРЕЗЕНТАЦІЯХ
ПІД ЛУЧАМИ СОФІТІВ,
А В ФОРМУЛАХ
ПІД ДИМОМ ПАЯЛЬНИКІВ**

АНТОН СЕНЕКО





POWER

ACCUMULATORS
CHARGERS
ADAPTERS

LI-FE-P04 24-50 STORAGE BATTERY

Nominal Voltage	24V
Nominal Capacity	50 Ah (1200 Wh)
Operating Time (1 Bandwidth)	294-320 min
Input / Output Connectors	1 / 4
Charge Voltage	29,2V
Standard Charge Current	15A
Recommended Charging Current	30A ≤
Recommended Consuming Devices Switch-off	23,5V
Maximum Continuous Discharge Current	50A
Peak Short-term Discharge Current	80A
Casing Material & IP Rating	Metal (IP65)
Size	445 x 135 x 450 mm
Weight	12 Kg

LI-FE-P04 24-60 STORAGE BATTERY

Nominal Voltage	24V
Nominal Capacity	60 Ah (1440 Wh)
Operating Time (1 Bandwidth)	345-360 min
Input / Output Connectors	1 / 4
Charge Voltage	29,2V
Standard Charge Current	15A
Recommended Charging Current	30A ≤
Recommended Consuming Devices Switch-off	23,5V
Maximum Continuous Discharge Current	50A
Peak Short-term Discharge Current	80A
Casing Material & IP Rating	Metal (IP65)
Size	445 x 135 x 450 mm
Weight	12 Kg



LI-FE-P04 24-50 STORAGE BATTERY

Nominal Voltage	24V
Nominal Capacity	50 Ah (1200 Wh)
Operating Time (1 Bandwidth)	294-320 min
Input / Output Connectors	1 / 4
Charge Voltage	29,2V
Standard Charge Current	15A
Recommended Charging Current	30A ≤
Recommended Consuming Devices Switch-off	23,5V
Maximum Continuous Discharge Current	50A
Peak Short-term Discharge Current	80A
Casing Material & IP Rating	Metal (IP65)
Size	445 x 135 x 450 mm
Weight	12 Kg

LI-FE-P04 24-60 STORAGE BATTERY

Nominal Voltage	24V
Nominal Capacity	60 Ah (1440 Wh)
Operating Time (1 Bandwidth)	345-360 min
Input / Output Connectors	1 / 4
Charge Voltage	29,2V
Standard Charge Current	15A
Recommended Charging Current	30A ≤
Recommended Consuming Devices Switch-off	23,5V
Maximum Continuous Discharge Current	50A
Peak Short-term Discharge Current	80A
Casing Material & IP Rating	Metal (IP65)
Size	445 x 135 x 450 mm
Weight	12 Kg



LI-ION 24-60 STORAGE BATTERY

PLASTIC
CASING



Nominal Voltage	25,9V (24V)
Nominal Capacity	60 Ah (1554 Wh)
Operating Time (1 Bandwidth)	345-360 min
Input / Output Connectors	1 / 2
Recommended Charging Voltage	29,4V
Recommended Charging Current	10-40A
Recommended Consuming Devices Switch-off	22V
Maximum Continuous Discharge Current	40A
Peak Short-term Discharge Current	100A
Temperature Conditions	Discharging -10°C до +30°C Charging 0°C до +30°C
Casing Material & IP Rating	Plastic (IP65)
Size	406 x 330 x 174 mm
Weight	12 Kg

LI-ION 24-120 STORAGE BATTERY

PLASTIC
CASING



Nominal Voltage	25,9V (24V)
Nominal Capacity	120 Ah (3108 Wh)
Operating Time (1 Bandwidth)	708-720 min
Input / Output Connectors	1 / 1
Recommended Charging Voltage	29,4V
Recommended Charging Current	10-40A
Recommended Consuming Devices Switch-off	22V
Maximum Continuous Discharge Current	60A
Peak Short-term Discharge Current	100A
Temperature Conditions	Discharging -10°C до +30°C Charging 0°C до +30°C
Casing Material & IP Rating	Plastic (IP65)
Size	430 x 400 x 180 mm
Weight	21,5 Kg

LIFEPO4 24-30 BATTERY



Nominal Voltage	24 V
Nominal Capacity	30 Ah (720 Wh)
Operating Time (1 Bandwidth)	210-240 min
Input / Output Connectors	2 / 1
Recommended Charging Voltage	27,5 V
Recommended Charging Current	15A ≤
Recommended Consuming Devices Switch-off	23 V
Maximum Continuous Discharge Current	30A
Peak Short-term Discharge Current	70A
Size	310 x 72 x 340 mm
Weight	7 Kg

LIFEPO4 24-12 BATTERY



Nominal Voltage	24 V
Nominal Capacity	12 Ah (304 Wh)
Operating Time (1 Bandwidth)	96-120 min
Input / Output Connectors	1 / 1
Recommended Charging Voltage	27,5 V
Recommended Charging Current	6A ≤
Recommended Consuming Devices Switch-off	23,6 V
Maximum Continuous Discharge Current	12A
Peak Short-term Discharge Current	30A
Size	133 x 66 x 130 mm
Weight	3 Kg

LIFEPO4 24-6 BATTERY



Nominal Voltage	24 V
Nominal Capacity	6 Ah (144 Wh)
Operating Time (1 Bandwidth)	45-60 min
Input / Output Connectors	1 / 1
Recommended Charging Voltage	27,5 V
Recommended Charging Current	6A ≤
Recommended Consuming Devices Switch-off	23,2 V
Maximum Continuous Discharge Current	12A
Peak Short-term Discharge Current	15A
Size	133 x 66 x 63 mm
Weight	1,3 Kg

10A CHARGING STATION FOR STORAGE BATTERIES AND ACCUMULATORS



Output Connector

XT60-M

20A CHARGING STATION FOR STORAGE BATTERIES AND ACCUMULATORS



Output Connector

XT60-M

30A CHARGING STATION FOR STORAGE BATTERIES AND ACCUMULATORS



Output Connector

XT60-M

40A CHARGING STATION FOR STORAGE BATTERIES AND ACCUMULATORS



Output Connector

XT90

DC-DC VOLTAGE CONVERTER, 12V TO 28V FOR 1xSTR50-1

5A
PER EACH
DEVICE



Current per 1x STR50-1	5A
Input / Output Connectors	1 / 1
Status Indication	Embedded Screen
Voltage	DC 12V - DC 28V
Delivery Package	• Voltage Converter • On/Off Button

DC-DC VOLTAGE CONVERTER, 12V TO 28V FOR 3xSTR50-1

5A
PER EACH
DEVICE



Current per 1x STR50-1	5A (x3)
Input / Output Connectors	1 / 3
Status Indication	Embedded Screen
Voltage	DC 12V - DC 28V
Delivery Package	• Voltage Converter • On/Off Button





COMMUTATION

CABLE AND SWITCHING PRODUCTS,
BUTTONS, MOUNTING FRAMES

UNIVERSAL JUNCTION KIT

9 ВИХОДІВ ТА ПУЛЬТ
З ІНДИКАЦІЄЮ
СТАНІВ



Power Supply	DC 24-28V
Input / Output Connectors	1/1 9 Device Connectors
Control	• 1 Power Supply Button • 3 Activation Buttons for Groups of Devices
Status Indication	Indication Panel, Button Lighting
Delivery Package	• Junction Box • Activation Remote
Optional Equipment	—

STR50-1 REMOTE CONTROL KIT

NO DC-DC
CONVERTER
INCLUDED



Power Supply	DC 24-28V
Input / Output Connectors	2/1 1/1
Control	1 Two-State Button
Status Indication	Button Lighting
Delivery Package	• Activation Remote • 20m Cable
Optional Equipment	—

3xSTR50-1 JUNCTION BOX

NO DC-DC
CONVERTER
INCLUDED



Power Supply	DC 24-28V
Input / Output Connectors	2/3
Control	1 Two-State Button
Status Indication	Button Lighting
Delivery Package	• Activation Remote w/separate Button Connector
Optional Equipment	• Activation Button w/20m Cable (separate buy)

UNIVERSAL REMOTE CONTROL BUTTON



Power Supply	DC 24-28V
Input / Output Connectors	1/1
Control	1 Two-State Button
Status Indication	Button Lighting
Delivery Package	• Universal Remote Control Button
Optional Equipment	—

REMOTE CONTROL BUTTON CABLE, 20M



Power Supply	—
Input / Output Connectors	1/1
Control	1 Two-State Button
Status Indication	—
Delivery Package	• 20m Cable
Optional Equipment	—

3xSTR50-1 COMMUTATION KIT WITH REMOTE CONTROL BUTTON

**NO DC-DC
CONVERTER
INCLUDED**



Power Supply	DC 24-28V
Input / Output Connectors	2/3 1/1
Control	2 Two-State Button
Status Indication	Button Lighting
Delivery Package	• 3xSTR50-1 Commutation Kit w/Remote Control Button
Optional Equipment	• 20m Cable (separate buy)

UNIVERSAL REMOTE CONTROL BUTTON KIT



Power Supply	DC 24-28V
Input / Output Connectors	1/1
Control	1 Two-State Button
Status Indication	Button Lighting
Delivery Package	• Universal Remote Control Button • 20m Cable
Optional Equipment	—

REMOTE CONTROL BUTTON FOR ‘BOOMBOX’ UNITS



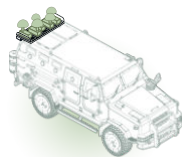
Power Supply	DC 24-28V
Input / Output Connectors	1/1
Control	3 Two-State Button
Status Indication	Button Lighting
Delivery Package	• Remote Control Button for BOOMBOX Units • 20m Cable
Optional Equipment	—

1xSTR50-1 COMMUTATION KIT

NO DC-DC
CONVERTER
INCLUDED

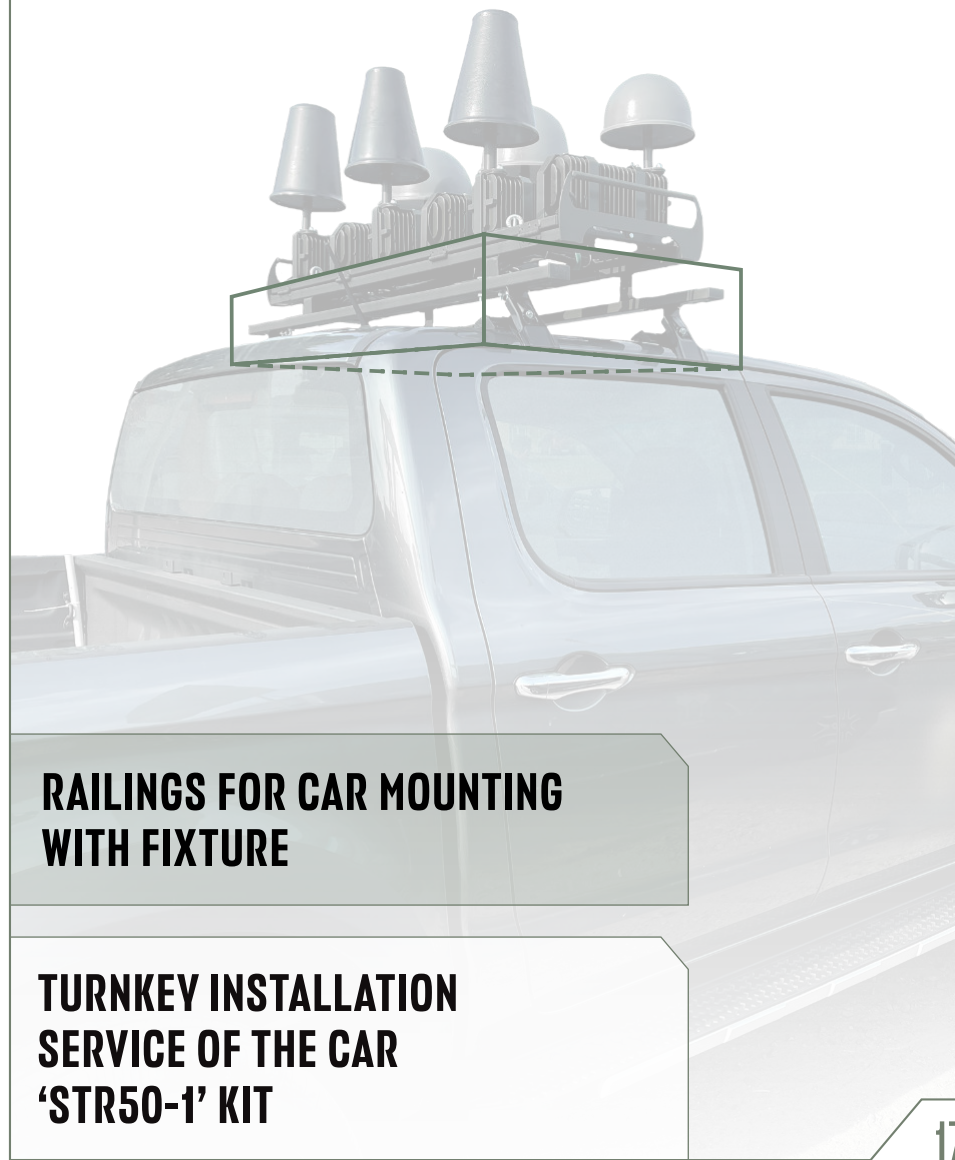


Power Supply	DC 24-28V
Input / Output Connectors	1/1
Control	1 Two-State Button
Status Indication	Embedded Screen
Delivery Package	• 1xSTR50-1 Commutation Block • Power Supply Cable
Optional Equipment	• Built-in Ammeter and Voltmeter



STR50-1 ARRAY MOUNTING FRAME

Power Supply	DC 24-28V
Input / Output Connectors	(depends on configuration)
Control	Commutation Unit for STR50-1 Products and/or Frame Button
Status Indication	—
Delivery Package	• STR50-1 Mounting Frame • Commutational Block
Optional Equipment	• Remote Control Button (seperate buy) • Activation Remote (seperate buy)



RAILINGS FOR CAR MOUNTING WITH FIXTURE

TURNKEY INSTALLATION SERVICE OF THE CAR 'STR50-1' KIT





DETECTION

SPECTRUM ANALYZERS,
PRODUCT INSPECTION

THESE TOOLS WILL HELP YOU QUICKLY CHECK IF YOUR EW DEVICE OR COMPLEX IS IN WORKING ORDER AND IF IT IS WORKING RIGHT NOW



SPECTRUM ANALYZER VS-MINI SA

Purpose	Electronic Warfare Equipment Checkout		
Bandwidths	420-450 MHz	702-850 MHz	840-940 MHz
	970-1020 MHz	2400-2500 MHz	—
Control	Embedded Buttons		
Status Indication	Embedded Screen		
Інтерфейс/Power Supply	USB-C / Embedded 18650 Type Battery		
АВТОНОМНІСТЬ	Up to 24 hr		
Size	84 x 36 x 46 mm		
Weight	120 g		
Delivery Package	• Spectrum Analyzer VS-MINI SA		

SPECTRUM ANALYZER VS-MINI SA V2

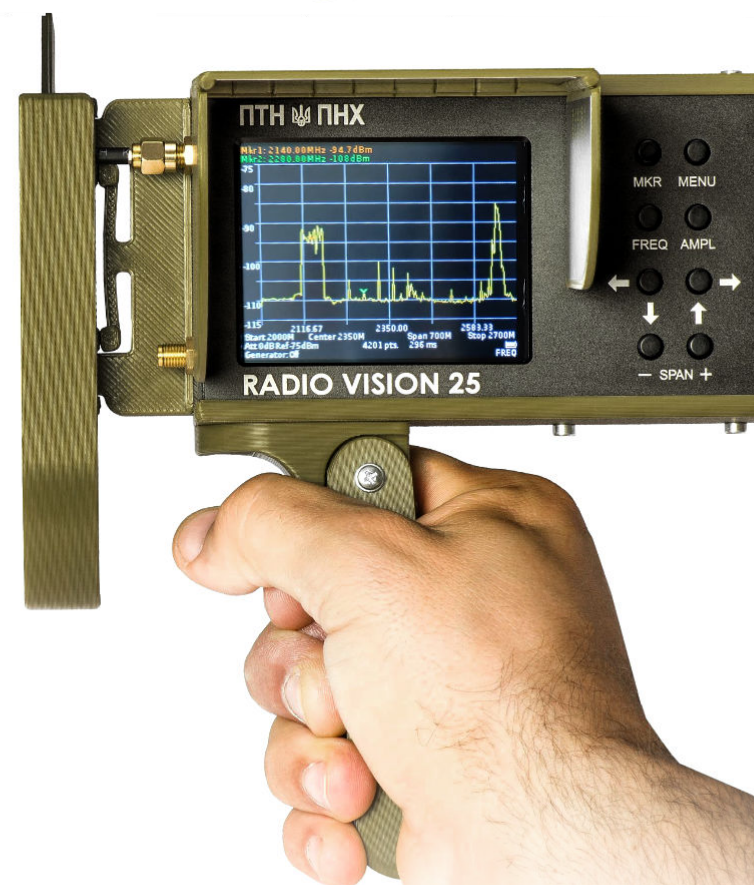
Purpose	Electronic Warfare Equipment Checkout		
Bandwidths	420-450 MHz	702-850 MHz	840-940 MHz
	970-1020 MHz	2400-2500 MHz	4950-6000 MHz
Control	Embedded Buttons		
Status Indication	Embedded Screen		
Інтерфейс/Power Supply	USB-C / Embedded 18650 Type Battery		
АВТОНОМНІСТЬ	Up to 5 hr		
Size	84 x 36 x 46 mm		
Weight	120 g		
Delivery Package	• Spectrum Analyzer VS-MINI SA V2		

PERSONAL EW/ER DEVICE «RADIO VISION 25»

Purpose	Portable Signal Detector with built-in Spectrum Analyzer	
Detection of	Stationary EW Complexes	Up to 15 km
	DJI, Matrice and similar drones	Up to 3 km
	Radiostations and Small Radius EW	2,5-3 km
	Cellular Phones	1,5 km
Control	Built-in Buttons, Stylus	
Status Indication	Embedded Screen	
Інтерфейс/Power Supply	USB-C / Embedded Battery	
АВТОНОМНІСТЬ	60 min with 18°C (Embedded Battery) Unlimited with External Power Supply	
Size	40 x 155 x 200 mm	
Weight	400 g	
Delivery Package	• Personal ER Device «RADIO VISION 25» • Waterproof Pouch	
Optional Equipment	—	

Thanks to its directional antenna, the 'Radio Vision 25' personal EW/ER device enables the operator to scan the environment in 360° and detect electrical emission sources/hostiles both through analogue and digital signals.

The unique transforming body allows you to quickly set up the device for the field application even in harsh conditions.



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